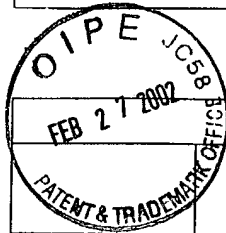


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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.39USUI	Application Number: 09/595,700
	<i>Non-Official</i> Applicant: SAY ET AL	
	Filing Date: 06/16/2000	Group Art Unit: 3736



FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
62-85855	04/20/1987	JP			Abstract	
62 114747	05/26/1987	JP			Abstract	
63-58149	03/12/1988	JP			Abstract	
63-128252	05/31/1988	JP			Abstract	
63-139246	06/11/1988	JP			Abstract	
63-294799	12/01/1988	JP			Abstract	
63-317758	12/26/1988	JP			Abstract	
1-114746	05/08/1989	JP			Abstract	
1-114747	05/08/1989	JP			Abstract	
1-134244	05/26/1989	JP			Abstract	
1-156658	06/20/1989	JP			Abstract	
2-62958	03/02/1990	JP			Abstract	
2-120655	05/08/1990	JP			Abstract	
2-287145	11/27/1990	JP			Abstract	
2-310457	12/26/1990	JP			Abstract	
3-26956	02/05/1991	JP			Abstract	
3-28752	02/06/1991	JP			Abstract	
3-202764	09/04/1991	JP			Abstract	
5-72171	03/23/1993	JP			Abstract	
5-196595	08/06/1993	JP			Abstract	
WO 85/05119	11/21/1985	PCT			Abstract	
WO 89/08713	09/21/1989	PCT				
WO 90/05300	05/17/1990	PCT				
WO 91/04704	04/18/1991	PCT			Abstract	
WO 91/09139	06/1991	PCT				
WO 92/13271	08/06/1992	PCT				
WO 94/20602	09/15/1994	PCT				

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.39USU1	Application Number: 09/595,708
	Applicant: <i>SAY ET AL</i> Filing Date: 06/16/2000	<i>Official</i> Group Art Unit: 3736



FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 94/27140	11/24/1994	PCT				
	WO 95/02817	01/26/1995	PCT				
	WO 97/00441	01/03/1997	PCT				
	WO 97/18464	05/1997	PCT				
	WO 97/19344	05/29/1997	PCT				
	WO 97/42882	11/20/1997	PCT				
	WO 97/42883	11/20/1997	PCT				
	WO 97/42886	11/20/1997	PCT				
	WO 97/42888	11/20/1997	PCT				
	WO 97/43962	11/27/1997	PCT				
	WO 98/35225	08/1998	PCT				
	WO 99/08106	02/18/1999	PCT				
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	1281988 A1	01/07/1987	SU			Abstract	

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TECHNOLOGY CENTER 3700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	✓	Abruña, H. D. et al., "Rectifying Interfaces Using Two-Layer Films of Electrochemically Polymerized Vinylpyridine and Vinylbipyridine Complexes of Ruthenium and Iron on Electrodes," <i>J. Am. Chem. Soc.</i> , 103 (1):1-5 (January 14, 1981).
	✓	Albery, W. J. et al., "Amperometric enzyme electrodes. Part II. Conducting salts as electrode materials for the oxidation of glucose oxidase," <i>J. Electroanal. Chem. Interfacial Electrochem.</i> , 194 (2) (1 page - Abstract only) (1985).
	✓	Albery, W. J. et al., "Amperometric Enzyme Electrodes," <i>Phil. Trans. R. Soc. Lond.</i> B316 :107-119 (1987).
	✓	Alcock, S. J. et al., "Continuous Analyte Monitoring to Aid Clinical Practice," <i>IEEE Engineering in Medicine and Biology</i> , 319-325 (1994).
	✓	Anderson, L. B. et al., "Thin-Layer Electrochemistry: Steady-State Methods of Studying Rate Processes," <i>J. Electroanal. Chem.</i> , 10 :295-305 (1965).
	✓	Bartlett, P. N. et al., "Covalent Binding of Electron Relays to Glucose Oxidation," <i>J. Chem. Soc. Chem. Commun.</i> , 1603-1604 (1987).
	✓	Bartlett, P. N. et al., "Modification of glucose oxidase by tetrathiafulvalene," <i>J. Chem. Soc., Chem. Commun.</i> , 16 (1 page - Abstract only) (1990).
	✓	Bartlett, P. N. et al., "Strategies for the Development of Amperometric Enzyme Electrodes," <i>Biosensors</i> , 3 :359-379 (1987/88).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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FORM 1449 O I P T E FEB 27 2002 PATENT & TRADEMARK OFFICE 8901	INFORMATION DISCLOSURE STATEMENT		Docket Number:	Application Number:
	IN AN APPLICATION		12008.39USU1	09/595,708
	(Use several sheets if necessary)		Applicant: SAY ET AL.	Official
			Filing Date: 06/16/2000	Group Art Unit: 3736

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		✓Bobbioni-Harsch, E. et al., "Lifespan of subcutaneous glucose sensors and their performances during dynamic glycaemia changes in rats," <i>J. Biomed. Eng.</i> 15 :457-463 (1993).
		✓Brandt, J. et al., "Covalent attachment of proteins to polysaccharide carriers by means of benzoquinone," <i>Biochim. Biophys. Acta</i> , 386 (1) (1 page Abstract only) (1975).
		✓Brownlee, M. et al., "A Glucose-Controlled Insulin-Delivery System: Semisynthetic Insulin Bound to Lectin", <i>Science</i> , 206 (4423):1190-1191 (December 7, 1979).
		✓Cass, A.E.G. et al., "Ferricinium Ion As An Electron Acceptor for Oxido-Reductases," <i>J. Electroanal. Chem.</i> , 190 :117-127 (1985).
		✓Cass, A.E.G. et al., "Ferrocene-Mediated Enzyme Electrode for Amperometric Determination of Glucose", <i>Anal. Chem.</i> , 56 (4):667-671 (April 1984).
		✓Castner, J. F. et al., "Mass Transport and Reaction Kinetic Parameters Determined Electrochemically for Immobilized Glucose Oxidase," <i>Biochemistry</i> , 23 (10):2203-2210 (1984).
		✓Claremont, D.J. et al., "Biosensors for Continuous In Vivo Glucose Monitoring", <i>IEEE Engineering in Medicine and Biology Society 10th Annual International Conference</i> , New Orleans, Louisiana, 3 pgs. (November 4-7, 1988).
		✓Chen, C.Y. et al., "A Biocompatible Needle-Type Glucose Sensor Based on Platinum-Electroplated Carbon Electrode", <i>Applied Biochemistry and Biotechnology</i> , 36 :211-226 (1992).
		✓Chen, C.Y. et al., "Amperometric Needle-Type Glucose Sensor based on a Modified Platinum Electrode with Diminished Response to Interfering Materials", <i>Analytica Chimica Acta</i> , 265 :5-14 (1992).
		✓Clark, L.C. et al., "Differential Anodic Enzyme Polarography for the Measurement of Glucose", <i>Oxygen Transport to Tissue: Instrumentation, Methods, and Physiology</i> , 127-133 (1973).
		✓Clark, L.C., Jr. et al., "Electrode Systems for Continuous Monitoring in Cardiovascular Surgery," <i>Annals New York Academy of Sciences</i> , pp. 29-45 (1962).
		✓Clarke, W. L., et al., "Evaluating Clinical Accuracy of Systems for Self-Monitoring of Blood Glucose," <i>Diabetes Care</i> , 10 (5):622-628 (September-October 1987).
		✓Csöregi, E. et al., "Design, Characterization, and One-Point in Vivo Calibration of a Subcutaneously Implanted Glucose Electrode," <i>Anal. Chem.</i> 66 (19):3131-3138 (October 1, 1994).
		✓Csöregi, E. et al., "On-Line Glucose Monitoring by Using Microdialysis Sampling and Amperometric Detection Based on "Wired" Glucose Oxidase in Carbon Paste," <i>Mikrochim. Acta</i> . 121 :31-40 (1995).
		✓Davis, G., "Electrochemical Techniques for the Development of Amperometric Biosensors", <i>Biosensors</i> , 1 :161-178 (1985).
		✓Degani, Y. et al., "Direct Electrical Communication between Chemically Modified Enzymes and Metal Electrodes. 1. Electron Transfer from Glucose Oxidase to Metal Electrodes via Electron Relays, Bound Covalently to the Enzyme," <i>J. Phys. Chem.</i> , 91 (6):1285-1289 (1987).
		✓Degani, Y. et al., "Direct Electrical Communication between Chemically Modified Enzymes and Metal Electrodes. 2. Methods for Bonding Electron-Transfer Relays to Glucose Oxidase and D-Amino-Acid Oxidase," <i>J. Am. Chem. Soc.</i> , 110 (8):2615-2620 (1988).
		✓Degani, Y. et al., "Electrical Communication between Redox Centers of Glucose Oxidase and Electrodes via Electrostatically and Covalently Bound Redox Polymers," <i>J. Am. Chem. Soc.</i> , 111 :2357-2358 (1989).
		✓Denisevich, P. et al., "Unidirectional Current Flow and Charge State Trapping at Redox Polymer Interfaces on Bilayer Electrodes: Principles, Experimental Demonstration, and Theory," <i>J. Am. Chem. Soc.</i> , 103 (16):4727-4737 (1981).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

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Docket Number:

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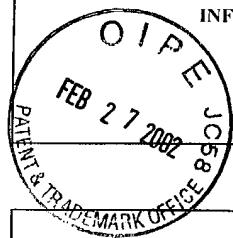
Application Number:

09/595,708

Applicant: SAY, ET AL.

Filing Date: 06/16/2000

Group Art Unit: 3736



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		✓ Dicks, J. M., "Ferrocene modified polypyrrole with immobilised glucose oxidase and its application in amperometric glucose microbiosensors," <i>Ann. Biol. clin.</i> , 47 :607-619 (1989).
		✓ Engstrom, R.C., "Electrochemical Pretreatment of Glassy Carbon Electrodes", <i>Anal. Chem.</i> , 54 (13):2310-2314 (November 1982).
		✓ Engstrom, R.C. et al., "Characterization of Electrochemically Pretreated Glassy Carbon Electrodes", <i>Anal. Chem.</i> , 56 (2):136-141 (February 1984).
		✓ Ellis, C. D., "Selectivity and Directed Charge Transfer through an Electroactive Metallopolymer Film," <i>J. Am. Chem. Soc.</i> , 103 (25):7480-7483 (1981).
		✓ Fischer, H. et al., "Intramolecular Electron Transfer Mediated by 4,4'-Bipyridine and Related Bridging Groups", <i>J. Am. Chem. Soc.</i> , 98 (18):5512-5517 (September 1, 1976).
		✓ Foulds, N.C. et al., "Enzyme Entrapment in Electrically Conducting Polymers," <i>J. Chem. Soc., Faraday Trans 1.</i> , 82 :1259-1264 (1986).
		✓ Foulds, N.C. et al., "Immobilization of Glucose Oxidase in Ferrocene-Modified Pyrrole Polymers," <i>Anal. Chem.</i> , 60 (22):2473-2478 (November 15, 1988).
		✓ Frew, J.E. et al., "Electron-Transfer Biosensors", <i>Phil. Trans. R. Soc. Lond.</i> , B316 :95-106 (1987).
		✓ Gernet, S. et al., "Fabrication and Characterization of a Planar Electrochemical Cell and Its Application as a Glucose Sensor", <i>Biosensors & Actuators</i> , 18:59-70 (1989).
		✓ Gorton, L. et al., "Selective detection in flow analysis based on the combination of immobilized enzymes and chemically modified electrodes," <i>Analytica Chimica Acta.</i> , 250 :203-248 (1991).
		✓ Gregg, B. A. et al., "Cross-Linked Redox Gels Containing Glucose Oxidase for Amperometric Biosensor Applications," <i>Analytical Chemistry</i> , 62 (3):258-263 (February 1, 1990).
		✓ Gregg, B. A. et al., "Redox Polymer Films Containing Enzymes. 1. A Redox-Conducting Epoxy Cement: Synthesis, Characterization, and Electrocatalytic Oxidation of Hydroquinone," <i>J. Phys. Chem.</i> , 95 (15):5970-5975 (1991).
		✓ Hale, P.D. et al., "A New Class of Amperometric Biosensor Incorporating a Polymeric Electron-Transfer Mediator," <i>J. Am. Chem. Soc.</i> , 111 (9):3482-3484 (1989).
		✓ Harrison, D.J. et al., "Characterization of Perfluorosulfonic Acid Polymer Coated Enzyme Electrodes and a Miniaturized Integrated Potentiostat for Glucose Analysis in Whole Blood", <i>Anal. Chem.</i> , 60 (19):2002-2007 (October 1, 1988).
		✓ Hawkrige, F. M. et al., "Indirect Coulometric Titration of Biological Electron Transport Components," <i>Analytical Chemistry</i> , 45 (7):1021-1027 (June 1973).
		✓ Heineman, W.R. et al., "Measurement of Enzyme E°' Values by Optically Transparent Thin Layer Electrochemical Cells", <i>Analytical Chemistry</i> , 47 (1):79, 82-84 (January 1975)
		✓ Heineman, W.R. "Spectro-electro-chemistry", <i>Analytical Chemistry</i> , 50 (3):390-392, 394, 396, 398, 400, 402 (March 1978)
		✓ Heller, A., "Amperometric biosensors based on three-dimensional hydrogel-forming epoxy networks," <i>Sensors and Actuators B</i> , 13-14 :180-183 (1993).
		✓ Heller, A., "Electrical Connection of Enzyme Redox Centers to Electrodes," <i>J. Phys. Chem.</i> , 96 (9):3579-3587 (1992).
		✓ Heller, A., "Electrical Wiring of Redox Enzymes," <i>Acc. Chem. Res.</i> , 23 (5):129-134 (1990).
		✓ Ianniello, R.M. et al. "Immobilized Enzyme Chemically Modified Electrode as an Amperometric Sensor", <i>Anal. Chem.</i> , 53 (13):2090-2095 (November 1981).

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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FORM 1449* PATENT & TRADEMARK OFFICE 8800 FEB 27 2002 JCE	INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 12008.39USU1	Application Number: 09/595,708
			Applicant: <i>SA ET AL</i> Filing Date: 06/16/2000	Group Art Unit: 3736

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		✓ Ianniello, R.M. et al., "Differential Pulse Voltammetric Study of Direct Electron Transfer in Glucose Oxidase Chemically Modified Graphite Electrodes", <i>Anal. Chem.</i> , 54 (7):1098-1101 (June 1981).
		✓ Ikeda, T. et al., "Glucose oxidase-immobilized benzoquinone-carbon paste electrode as a glucose sensor," <i>Agric. Biol. Chem.</i> , 49 (2) (1 page - Abstract only) (1985).
		✓ Johnson, J. M. et al., "Potential-Dependent Enzymatic Activity in an Enzyme Thin-Layer Cell," <i>Anal. Chem.</i> 54 :1377-1383 (1982).
		✓ Johnson K. W. et al., "In Vivo Evaluation of an Electroenzymatic Glucose Sensor Implanted in Subcutaneous Tissue", <i>Biosensors & bioelectronics</i> 7 :709-714 (1992)
		✓ Johnson, K.W., "Reproducible Electrodeposition of Biomolecules for the Fabrication of Miniature Electroenzymatic Biosensors", <i>Sensors and Actuators B Chemical</i> , B5 :85-89 (1991).
		✓ Jönsson, G. et al., "An Amperometric Glucose Sensor Made by Modification of a Graphite Electrode Surface With Immobilized Glucose Oxidase and Adsorbed Mediator", <i>Biosensors</i> , 1 :355-368 (1985).
		✓ Josowicz, M. et al., "Electrochemical Pretreatment of Thin Film Platinum Electrodes", <i>J. Electrochem. Soc.</i> , 135 (1):112-115 (January 1988).
		✓ Katakis, I. et al., "Electrostatic Control of the Electron Transfer Enabling Binding of Recombinant Glucose Oxidase and Redox Polyelectrolytes," <i>J. Am. Chem. Soc.</i> , 116 (8):3617-3618 (1994).
		✓ Katakis, I. et al., "L- α -Glycerophosphate and L-Lactate Electrodes Based on the Electrochemical "Wiring" of Oxidases," <i>Analytical Chemistry</i> , 64 (9):1008-1013 (May 1, 1992).
		✓ Kenausis, G. et al., "'Wiring' of glucose oxidase and lactate oxidase within a hydrogel made with poly(vinyl pyridine) complexed with [Os(4,4'-dimethoxy-2,2'-bipyridine) ₂ C1] ^{+/2+} ," <i>J. Chem. Soc., Faraday Trans.</i> , 92 (20):4131-4136 (1996).
		✓ Kondo, T. et al., "A Miniature Glucose Sensor, Implantable in the Blood Stream", <i>Diabetes Care</i> , 5 (3):218-221 (May-June 1982)
		✓ Kulys, J. et al., "Mediatorless peroxidase electrode and preparation of bienzyme sensors," <i>Bioelectrochemistry and Bioenergetics</i> , 24 :305-311 (1990).
		✓ Lager, W. et al., "Implantable Electrocatalytic Glucose Sensor," <i>Horm. Metab. Res.</i> , 26 :526-530 (November 1994).
		✓ Lee, J. et al., "A New Glucose Sensor using Microporous Enzyme Membrane", <i>Sensors and Actuators</i> , B3 :215-219 (1991)
		✓ Lewandowski, J.J. et al., "Evaluation of a Miniature Blood Glucose Sensor", <i>Trans Am Soc Artif Intern Organs</i> , XXXIV: 255-258 (1988)
		✓ Lindner, E. et al. "Flexible (Kapton-Based) Microsensor Arrays of High Stability for Cardiovascular Applications", <i>J. Chem. Soc. Faraday Trans.</i> , 89 (2):361-367 (January 21, 1993).
		✓ Maidan, R. et al., "Elimination of Electrooxidizable Interferant-Produced Currents in Amperometric Biosensors," <i>Analytical Chemistry</i> , 64 (23):2889-2896 (December 1, 1992).
		✓ Mann-Buxbaum, E. et al, "New Microminiaturized Glucose Sensors Using Covalent Immobilization Techniques", <i>Sensors and Actuators</i> , B1 :518-522 (1990)
		✓ Mastrototaro, J.J. et al., "An Electroenzymatic Glucose Sensor Fabricated on a Flexible Substrate", <i>Sensors and Biosensors B Chemical</i> , B5 :139-144 (1991).
		✓ Matthews, D.R., et al., "An Amperometric Needle-Type Glucose Sensor Tested in Rats and Man", <i>Original Articles</i> , pp. 248-252 (1988)


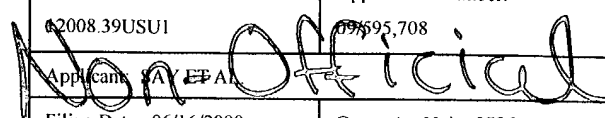
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FORM 1449* 	INFORMATION DISCLOSURE STATEMENT		Docket Number: 62008.39USUI	Application Number: 09/595,708
	IN AN APPLICATION			
	(Use several sheets if necessary)			
			Filing Date: 06/16/2000	Group Art Unit: 3736

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		✓McKean et al., "A telemetry-Instrumentation System for Chronically Implanted Glucose and Oxygen Sensors", <i>IEEE Transactions of Biomedical Engineering</i> , 35(7):526-532 (July 1988)
		✓McNeil, C. J. et al., "Thermostable Reduced Nicotinamide Adenine Dinucleotide Oxidase: Application to Amperometric Enzyme Assay," <i>Anal. Chem.</i> , 61(1):25-29 (January 1, 1989).
		✓Miyawaki, O. et al., "Electrochemical and Glucose Oxidase Coenzyme Activity of Flavin Adenine Dinucleotide Covalently Attached to Glassy Carbon at the Adenine Amino Group", <i>Biochimica et Biophysica Acta</i> , 838:60-68 (1985).
		✓Moatti-Sirat, D. et al., "Evaluating <i>in vitro</i> and <i>in vivo</i> the interference of ascorbate and acetaminophen on glucose detection by a needle-type glucose sensor," <i>Biosensors & Bioelectronics</i> , 7(5):345-352 (1992).
		✓Moatti-Sirat, D. et al., "Reduction of acetaminophen interference in glucose sensors by a composite Nafion membrane: demonstration in rats and man," <i>Diabetologia</i> , 37(6) (1 page - Abstract only) (June 1994).
		✓Moatti-Sirat, D. et al., "Towards continuous glucose monitoring: <i>in vivo</i> evaluation of a miniaturized glucose sensor implanted for several days in rat subcutaneous tissue," <i>Diabetologia</i> , 35(3) (1 page - Abstract only) (March 1992).
		✓Moser, I. et al., "Advanced Immobilization and Protein Techniques on thin Film Biosensors", <i>Sensors and Actuators</i> , B7:356-362 (1992).
		✓Moussy, F. et al., "Performance of Subcutaneously Implanted Needle-Type Glucose Sensors Employing a Novel Trilayer Coating", <i>Anal. Chem.</i> , 65:2072-2077 (1993)
		✓Nagy, G. et al., "A New Type of Enzyme Electrode: The Ascorbic Acid Eliminator Electrode," <i>Life Sciences</i> , 31(23):2611-2616 (1982).
		✓Nakamura, S. et al., "Effect of Periodate Oxidation on the Structure and Properties of Glucose Oxidase," <i>Biochimica et Biophysica Acta</i> , 445:294-308 (1976).
		✓Narasimhan, K. et al., "p-Benzoquinone activation of metal oxide electrodes for attachment of enzymes," <i>Enzyme Microb. Technol.</i> , 7(6) (1 page - Abstract only) (1985).
		✓Ohara, T. J. et al., "Glucose Electrodes Based on Cross-Linked [Os(bpy) ₂ Cl] ⁺² Complexed Poly(1-vinylimadazole) Films," <i>Analytical Chemistry</i> , 65(23):3512-3516 (December 1, 1993).
		✓Ohara, T. J., "Osmium Bipyridyl Redox Polymers Used in Enzyme Electrodes," <i>Platinum Metals Rev.</i> , 39(2):54-62 (April 1995).
		✓Ohara, T. J. et al., "'Wired' Enzyme Electrodes for Amperometric Determination of Glucose or Lactate in the Presence of Interfering Substances," <i>Analytical Chemistry</i> , 66(15):2451-2457 (August 1, 1994).
		✓Olivier, C. N. et al., "In vivo Measurement of Carbon Dioxide Tension with a Miniature Electrode," <i>Pflügers Arch.</i> 373:269-272 (1978).
		✓Paddock, R. et al., "Electrocatalytic reduction of hydrogen peroxide via direct electron transfer from pyrolytic graphite electrodes to irreversibly adsorbed cytochrome c peroxidase," <i>J. Electroanal. Chem.</i> , 260:487-494 (1989).
		✓Palleschi, G. et al., "A Study of Interferences in Glucose Measurements in Blood by Hydrogen Peroxide Based Glucose Probes", <i>Anal. Biochem.</i> , 159:114-121 (1986).
		✓Palleschi, G. et al., "Ideal Hydrogen Peroxide-Based Glucose Sensor", <i>Applied Biochemistry and Biotechnology</i> , 31:21-35 (1991)
		✓Pankratov, I. et al., "Sol-gel derived renewable-surface biosensors," <i>Journal of Electroanalytical Chemistry</i> , 393:35-41 (1995).
		✓Pathak, C. P. et al., "Rapid Photopolymerization of Immunoprotective Gels in Contact with Cells and Tissue," <i>J. Am. Chem. Soc.</i> , 114(21):8311-8312 (1992).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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FORM 1449a INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.39USUI	Application Number: 09/05,708
	Applicants: <u>RAY ET AL.</u> Filing Date: 06/16/2000	Group Art Unit: 3736 <u>Official</u>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		✓ Pickup, J. et al., "Potentially-implantable, amperometric glucose sensors with mediated electron transfer: improving the operating stability," <i>Biosensors</i> , 4 (2) (1 page - Abstract only) (1989).
		✓ Pishko, M.V. et al., "Amperometric Glucose Microelectrodes Prepared Through Immobilization of Glucose Oxidase in Redox Hydrogels", <i>Anal. Chem.</i> , 63 (20):2268-2272 (October 15, 1991).
		✓ Poitout, V. et al., "A glucose monitoring system for on line estimation in man of blood glucose concentration using a miniaturized glucose sensor implanted in the subcutaneous tissue and a wearable control unit," <i>Diabetologia</i> , 36 (7) (1 page - Abstract only) (July 1993).
		✓ Poitout, V. et al., "Calibration in dogs of a subcutaneous miniaturized glucose sensor using a glucose meter for blood glucose determination," <i>Biosensors & Bioelectronics</i> , 7 :587-592 (1992).
		✓ Poitout, V. et al., "In vitro and in vivo evaluation in dogs of a miniaturized glucose sensor," <i>ASAIO Transactions</i> , 37 (3) (1 page - Abstract only) (July-September 1991).
		✓ Pollak, A. et al., "Enzyme Immobilization by Condensation Copolymerization into Cross-Linked Polyacrylamide Gels," <i>J. Am. Chem. Soc.</i> , 102 (20):6324-6336 (1980).
		✓ Pons, B. S. et al., "Application of Deposited Thin Metal Films as Optically Transparent Electrodes for Internal Reflection Spectrometric Observation of Electrode Solution Interfaces", <i>Analytical Chemistry</i> , 39 (6):685-688, (May 1967)
		✓ Reach, G. et al., "A Method for Evaluating in vivo the Functional Characteristics of Glucose Sensors", <i>Biosensors</i> 2 :211-220 (1986)
		✓ Reach, G. et al., "Can Continuous Glucose Monitoring Be Used for the Treatment of Diabetes?" <i>Analytical Chemistry</i> , 64 (6):381-386 (March 15, 1992).
		✓ Rebrin, K. et al., "Automated Feedback Control of Subcutaneous Glucose Concentration in Diabetic Dogs", <i>Diabetologia</i> , 32 (8):573-576 (August 1989).
		✓ Sasso, S.V. et al., "Electropolymerized 1,2-Diaminobenzene as a Means to Prevent Interferences and Fouling and to Stabilize Immobilized Enzyme in Electrochemical Biosensors", <i>Anal. Chem.</i> , 62 (11):1111-1117 (June 1, 1990).
		✓ Schalkhammer, T. et al., "Electrochemical Glucose Sensors on Permselective Non-conducting Substituted Pyrrole Polymers", <i>Sensors and Actuators</i> , B4 :273-281 (1991)
		✓ Scheller, F. et al., "Enzyme electrodes and their application," <i>Phil. Trans. R. Soc. Lond.</i> , B 316 :85-94 (1987).
		✓ Shichiri, M. et al., "Glycaemic Control in Pancreatized Dogs with a Wearable Artificial Endocrine Pancreas", <i>Diabetologia</i> , 24 (3):179-184 (March 1983).
		✓ Shigeru, T. et al., "Simultaneous Determination of Glucose and 1,5= Anydroglucitol", <i>Chemical Abstracts</i> , 111 :394 (1989)
		✓ Sittampalam, G. et al., "Surface-Modified Electrochemical Detector for Liquid Chromatography", <i>Anal. Chem.</i> , 55 (9):1608-1610 (August 1983).
		✓ Soegijoko, S. et al., <i>Horm. Metabl. Res., Suppl. Ser.</i> , 12 (1 page - Abstract only) (1982).
		✓ Sprules, S. D. et al., "Evaluation of a New Disposable Screen-Printed Sensor Strip for the Measurement of NADH and Its Modification to Produce a Lactate Biosensor Employing Microliter Volumes," <i>Electroanalysis</i> , 8 (6):539-543 (1996).
		✓ Sternberg, F. et al., "Calibration Problems of Subcutaneous Glucosensors when Applied "In-Situ" in Man," <i>Horm. metabl. Res.</i> , 26 :523-525 (1994).

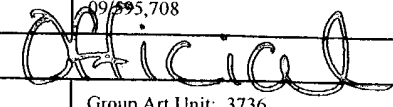
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	Applicant: <u>SA YEE-AL</u>	 Filing Date: 06/16/2000
	Group Art Unit: 3736	

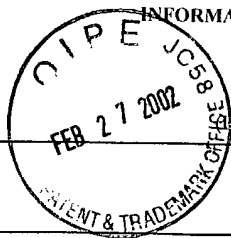


OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		✓ Sternberg, R. et al., "Covalent Enzyme Coupling on Cellulose Acetate Membranes for Glucose Sensor Development," <i>Analytical Chemistry</i> , 60 (24):2781-2786 (December 15, 1988).
		✓ Suckane, M., "Immobilization of glucose isomerase," <i>Zeitschrift für Allgemeine Mikrobiologie</i> , 22 (8):565-576 (1982).
		✓ Tarasevich, M.R. "Bioelectrocatalysis", <i>Comprehensive Treatise of Electrochemistry</i> , 10 (Ch. 4):231-295 (1985).
		✓ Taylor, C. et al., "Wiring' of glucose oxidase within a hydrogel made with polyvinyl imidazole complexed with [(Os-4,4'-dimethoxy-2,2'-bipyridine)C1] ^{+/2+} ," <i>Journal of Electroanalytical Chemistry</i> , 396 :511-515 (1995).
		✓ Trojanowicz, M. et al., "Enzyme Entrapped Polypyrrole Modified Electrode for Flow-Injection Determination of Glucose," <i>Biosensors & Bioelectronics</i> , 5 :149-156 (1990).
		✓ Turner, A.P.F. et al., "Diabetes Mellitus: Biosensors for Research and Management", <i>Biosensors</i> , 1 :85-115 (1985).
		✓ Turner, R. F. B. et al., "A Biocompatible Enzyme Electrode for Continuous <i>in vivo</i> Glucose Monitoring in Whole Blood," <i>Sensors and Actuators</i> , BI (1-6):561-564 (January 1990).
		✓ Umana Umana, M., "Protein-Modified Electrochemically Active Biomaterial Surface," <i>U.S. Army Research Office Report</i> , (12 pages) (December 1988).
		✓ Urban, G. et al., "Miniaturized Thin-Film Biosensors Using Covalently Immobilized Glucose-Oxidase", <i>Biosensors & Bioelectronics</i> , 6 (7):555-562 (1991).
		✓ Velho, G. et al., "Strategies for calibrating a subcutaneous glucose sensor," <i>Biomed. Biochim. Acta</i> , 48 (11/12):957-964 (1989).
		✓ Vidal, J.C. et al., "A chronoamperometric sensor for hydrogen peroxide based on electron transfer between immobilized horseradish peroxidase on a glassy carbon electrode and a diffusing ferrocene mediator", <i>Sensors and Actuators B</i> 21 , pp. 135-141 (1994).
		✓ Von Woedtke, T. et al., "In Situ Calibration of Implanted Electrochemical Glucose Sensors," <i>Biomed. Biochim. Acta</i> , 48 (11/12):943-952 (1989).
		✓ Vreeke, M. S. et al., "Chapter 15: Hydrogen Peroxide Electrodes Based on Electrical Connection of Redox Centers of Various Peroxidases to Electrodes through a Three-Dimensional Electron-Relaying Polymer Network," <i>Diagnostic Biosensor Polymers</i> , 7 pgs. (July 26, 1993).
RECEIVED NOV 18 2004 TECHNOLOGY CENTER 3700		✓ Vreeke, M. et al., "Hydrogen Peroxide and β-Nicotinamide Adenine Dinucleotide Sensing Amperometric Electrodes Based on Electrical Connection of Horseradish Peroxidase Redox Centers to Electrodes through a Three-Dimensional Electron Relaying Polymer Network," <i>Analytical Chemistry</i> , 64 (24):3084-3090 (December 15, 1992).
		✓ Wang, J. et al., "Activation of Glassy Carbon Electrodes by Alternating Current Electrochemical Treatment", <i>Analytica Chimica Acta</i> , 167 :325-334 (January 1985).
		✓ Wang, J. et al., "Amperometric biosensing of organic peroxides with peroxidase-modified electrodes," <i>Analytica Chimica Acta</i> , 254 :81-88 (1991).
		✓ Wang, J. et al., "Screen-Printable Sol-Gel Enzyme-Containing Carbon Inks," <i>Analytical Chemistry</i> , 68 (15):2705-2708 (August 1, 1996).
		✓ Wang, J. et al., "Sol-Gel-Derived Metal-Dispersed Carbon Composite Amperometric Biosensors," <i>Electroanalysis</i> , 9 (1):52-55 (1997).
		✓ Williams, D.L. et al., "Electrochemical-Enzymatic Analysis of Blood Glucose and Lactate", <i>Anal. Chem.</i> , 42 (1):118-121 (January 1970).
		✓ Yabuki, S. et al., "Electro-conductive Enzyme Membrane," <i>J. Chem. Soc. Chem. Commun</i> , 945-946 (1989).
		✓ Yamasaki, Y., "The Development of a Needle-Type Glucose Sensor for Wearable Artificial Endocrine Pancreas", <i>Medical Journal of Osaka University</i> , Vol. 35, No. 1-2, pp. 24-34 (September 1994).

EXAMINER	DATE CONSIDERED
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	Applicant: <u>S. Y. ET AL.</u>	Group Art Unit: 3736
Filing Date: 06/16/2000		



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		✓ Yang, L. et al., "Determination of Oxidase Enzyme Substrates Using Cross-Flow Thin-Layer Amperometry," <i>Electroanalysis</i> , 8(8-9):716-721 (1996).
		✓ Yao, S.J. et al., "The Interference of Ascorbate and Urea in Low-Potential Electrochemical Glucose Sensing", <i>Proceedings of the Twelfth Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 12(2):487-489 (November 1-4, 1990).
		✓ Yao, T. et al., "A Chemically-Modified Enzyme Membrane Electrode As An Amperometric Glucose Sensor," <i>Analytica Chimica Acta.</i> , 148:27-33 (1983).
		✓ Ye, L. et al., "High Current Density "Wired" Quinoprotein Glucose Dehydrogenase Electrode," <i>Anal. Chem.</i> , 65(3):238-241 (February 1, 1993).
		✓ Yildiz, A., "Evaluation of an Improved Thin-Layer Electrode", <i>Analytical Chemistry</i> , 40(7):1018-1024 (June 1968)
		✓ Zamzow, K. et al., "New Wearable Continuous Blood Glucose Monitor (BGM) and Artificial Pancreas (AP), <i>Diabetes</i> , 39:5A(20) (May 1990).

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